## FIG. 1

## Sustainable Development Checklist

Project Manager: _____  Project Number: _____
Project Name: _____  Date: _____

| Category | Indicator | Impact | | | |
|---|---|---|---|---|---|
| | | Improve | Neutral | Deteriorate | Comments |
| Materials | Process yield/raw material usage | | | | |
| | Material costs | | | | |
| Energy | Energy use/ton product | | | | |
| | Cost per energy unit | | | | |
| Emissions | SO₂/ton product | | | | |
| | GHG/ton product | | | | |
| | Fluoride/ton product | | | | |
| | Other emissions/ton product | | | | |
| Effluents | Liquid volume/ton product | | | | |
| | Metal/ton product | | | | |
| | Solid wastes/ton product | | | | |
| | Others | | | | |
| By-products | Hazardous wastes | | | | |
| | Saleable by-products | | | | |
| | % recyclable | | | | |
| Toxics | Use of toxics | | | | |
| Water use | Water use intensity | | | | |
| Land use | Land used/restored | | | | |
| Health & Safety | Respiratory | | | | |
| | Noise | | | | |
| | Radiation | | | | |
| | Hazards | | | | |
| Community Involvement | # of meetings | | | | |
| | # of participants | | | | |
| Community Impacts | Health | | | | |
| | Aesthetics | | | | |
| | Economics | | | | |
| | Employment | | | | |
| | Quality of life | | | | |
| Other | | | | | |

FIG. 2